

List of Detectable Contaminants

The following is a list of contaminants that Lishtot technology is capable of detecting in drinking water samples. This list has been confirmed by open tests, blind tests, and multiple third parties and independent testing bodies establishing the efficacy, accuracy, and precision of Lishtot's technology.

<u>NAME</u>	<u>TESTING CONCENTRATION</u>	<u>COMMENT</u>
LEAD (NITRATE)	15 PPB	METAL ION
CADMIUM (NITRATE)	10 PPB	METAL ION, DOUBLE EPA STANDARD
MERCURY II (CHLORIDE)	2 PPB	METAL ION
COPPER	1.3 PPM	METAL ION
CHROMIUM (FREE METAL)	100 PPB	METAL ION
CHLORINE (BLEACH)	2 PPM	SIGNAL DECAY OVER TIME
TRIHALOMETHANES	80 PPB	
FLUORIDE (SODIUM)	4 PPM	
NITRATE (SODIUM)	10 PPM	
BARIUM (CHLORIDE)	2 PPM	METAL ION
TANNIC ACID*	5 PPB	SOIL PRESENCE
HUMIC ACID*	5 PPB	SOIL PRESENCE
PROTEIN	10 UG/ML	SIGN OF HUMAN, ANIMAL, OR BACTERIAL PRESENCE
E. COLI (NON-LAB STRAINS)	1 CFU/100 ML	SIGN OF SEWAGE
SOAP	TRACE	CLEANING RESIDUE
MILK	TRACE	
ARSENIC	10 PPB	AS SODIUM ARSENATE
MODEL ORGANIC PESTICIDES EXAMPLES: MEFISTO, TRACER ULTRA, PYRMIDIFEN	PPT LEVELS	RUN-OFFS, FRUIT RINSES
SMALL ORGANIC COMPOUNDS (SOCS) EXAMPLES: BENZALDEHYDE, DIMETHYLTRISULFIDE, 2,4,6-TRICHLOROANISOLE, 4-CHLOROPHENOL,	PPB-PPT LEVELS	ORGANIC RUNOFFS



Know Your Water

2,4,6-TRIBROMOPHENOL, 2,4,6-T RICHLOROPHENOL, 2,6-DIBROMOPHENOL		
PFOA/PFOS	1 PPT	